



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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For the Week Ending July 20, 2014

## RAINS HINDRENCE FOR SOME, WELCOMED BY OTHERS

With no end in sight for some producers, rains have drowned out some crop acreages and prevented planting of others. The wet weather is, however, helping soybean and corn development but heat units are still needed for the cotton crop because of its sensitivity to adverse environmental conditions. A good general rain is still needed in some parts of the State. There were 5.0 days suitable for field work last week. Topsoil moisture levels were rated 3 percent very short, 20 percent short, 69 percent adequate and 8 percent surplus. Subsoil moisture levels were rated 3 percent very short, 20 percent short, 69 percent adequate, and 8 percent surplus.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2013	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	90	78	84	91	Corn	1	3	18	54	24
Corn - Dough	29	12	40	45	Cotton	2	5	23	57	13
Cotton – Squaring	82	74	66	87	Soybeans	1	3	17	63	16
Cotton – Setting Bolls	30	15	12	37	Tobacco	1	3	28	56	12
Soybeans – Emerged	96	88	95	99	Pasture	1	11	30	53	5
Soybeans – Blooming	47	30	25	53						
Soybeans – Setting Pods	16	-	8	25						
Tobacco – Transplanted	95	90	100	100						
Tobacco - Topped	13	5	15	22						
Wheat – Harvested	91	88	98	100						

### County Agent Comments

*The farmers in Fayette County are currently receiving more rain. Severe weather came into our area Monday night. This came when we were already saturated from other rain events. Thursday night and Friday we received another rain event as indicated. Crops on hill ground look good but pests are building. Crops in many bottoms were killed, muddied up, etc. Interesting year!!!!*

**Jeff Via, Fayette County**

*As with recent weeks, rains and cooler weather put a halt to everything. Accumulating the number of required heat units for cotton is becoming a big concern for producers. Wheat harvest is over and soybean planting is coming to a close. A note on the wheat harvest is that yields were very good (50-70 bushels) but many producers received low test weight dockages. The corn and soybean crop is looking very well. Pastures are in very good shape.*

**Walter Battle, Haywood County**

*Early week thunderstorms brought 1" to 2.5" of rain across Weakley County. Some straight-line wind damage occurred in the middle part of the county. Producers have been applying fungicides and insecticides to soybeans as needed. Some acreage destined for soybeans will remain unplanted due to wet weather.*

**Jeff Lannom, Weakley County**

*Giles County got some much needed rain late in the week.*

**Kevin Rose, Giles County**

*We need the rain that's supposed to be on the way.*

**Larry Moorehead, Moore County**

*Brief scattered showers Tuesday and Friday gave crops little drink but didn't go far enough towards quenching their thirst. A good soaking rain would be appreciated. Corn crop has a chance to be a good one if things hold together.*

**Mitchell Mote, Rutherford County**

*Good rains this week helped tremendously - had limited localized flooding in some fields. Significant amount of wheat has low test weights with numerous reports of large dockage. Wheat beans really got a boost from the recent rains.*

**Mannie Bedwell, Hamblen County**

*A good general rain has helped crops turn around. Peach crop is starting to wind down.*  
**Ricky Skillington, Marshall County**

*A slow, soaking, widespread rain over a thirty-hour period ended a near record breaking week of low temperatures producing from 1.3 inches to nearly 2.0 inches in a few isolated areas. The much needed rain will just about finish the corn crop which about 20% is beginning to dent, 50% is in the dough stage, with the remaining in the blister to roasting ear stage. Single crop beans are beginning to fill pods, double crop beans are from emerging to early bloom. Cotton is blooming and setting bolls. Pastures in some parts of the county were beginning to brown.*  
**Ed Burns, Franklin County**

*We received some steady rain this week along with some cooler than normal temperatures and, although our farmers weren't out in the fields much because of it, I'm sure they are not complaining much about these July rains. Cattle prices are still up with the most \$/lb going towards animals around 300lbs, some bringing over \$1,000. Noted across the county that fig trees are dead or severely injured and little to no fruit is being produced. This is due to the unusual winter we had where temperatures dropped below zero. Some will grow back from the roots and may even produce some fruit this year if not next. That is, if they are properly pruned and protected through this year's winter weather.*  
**Matthew Deist, Marion County**

*Frequent rains halted most field activity. Double-crop soybeans are all planted and most have emerged. Corn is taking advantage of significant rainfall this past week.*  
**John Wilson, Blount County**

*This week's rain has filled up ponds and creeks. First cutting of hay is still not complete.*  
**John Goddard, Loudon County**

*Pasture improving with as much as 4 inches of rain in some areas.*  
**Chris Ramsey, Sullivan County**

*Tomato spotted wilt virus was observed in tobacco.*  
**Shannon Perrin, Union County**

TEMPERATURES AND PRECIPITATION

For week ending: July 20, 2014 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 20, 2014				Current Week 07/20/14	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	93	55	72	-8	2.40	3	44.52	11.12	29.93	11.03
Bolivar_Wtr_Wks	91	57	72	-8	2.80	3	39.37	6.97	23.45	5.41
Brownsville	93	58	73	-8	1.58	3	37.39	6.23	23.28	5.93
Covington_3SW	91	56	71	-11	1.62	2	34.61	3.16	22.53	4.97
Dresden	91	55	70	-9	2.30	3	36.28	3.75	23.90	5.03
Dyersburg_AP	93	57	71	-11	0.80	3	26.85	-2.72	18.42	1.52
Henderson_4W	91	54	72	-9	2.45	3	46.72	14.03	28.62	9.81
Huntingdon_Wate	93	56	71	-7	2.34	4	39.37	8.16	26.49	9.32
Jackson_Exp_Stn	93	56	72	-9	2.29	3	36.76	4.71	22.47	4.30
Lexington_Ag	92	57	72	-9	3.09	4	35.94	5.35	22.99	5.74
Memphis_WFO	94	58	73	-9	1.35	3	38.76	7.56	24.24	6.53
Milan_Exp_Stn	94	54	72	-7	1.60	3	33.05	1.45	19.50	1.68
Paris_2SE	92	55	71	-8	0.98	2	32.76	1.66	18.60	1.44
Selmer	94	56	72	-8	4.15	4	40.63	6.75	27.46	8.90
Union_City_AP	93	55	70	-10	0.77	4	25.66	-4.60	17.59	0.03
Middle										
Bethpage_1S	96	53	71	-8	1.15	3	25.95	-4.70	13.35	-3.38
Carthage	93	53	71	-8	1.98	5	29.04	-2.12	17.25	0.22
Centerville_4NE	88	54	69	-10	2.70	4	37.08	4.87	24.56	6.66
Cheatham_L_D	93	54	71	-7	1.48	5	26.83	-3.63	15.64	-1.13
Clarksville_AP	95	52	73	-7	0.15	3	20.22	-10.06	10.37	-6.20
Coalmont	86	48	68	-8	1.40	5	32.90	-4.00	20.52	1.58
Columbia_3WNW	92	53	71	-8	2.06	4	35.15	2.00	22.41	4.52
Cookeville	90	52	70	-8	1.91	5	26.16	-7.05	14.25	-3.34
Crossville_AP	86	53	70	-5	1.55	5	24.83	-8.91	16.00	-2.19
Dover_1W	92	55	71	-8	0.43	4	26.75	-2.76	12.75	-3.19
Fayetteville_Wt	92	54	73	-6	1.86	2	32.90	-0.08	22.83	5.81
Hohenwald	88	53	70	-10	2.81	4	41.97	7.82	28.68	10.28
Jamestown	89	50	69	-6	2.29	4	29.50	-2.97	17.66	-0.51
Kingston_Spring	93	53	71	-7	1.63	4	28.64	-1.76	17.40	0.78
Lobelville	90	53	69	-10	2.10	4	42.08	8.38	28.84	10.40
Monteagle	85	53	68	-7	2.43	6	33.34	-3.38	20.60	1.84
Murfreesboro_5N	93	53	72	-7	4.34	4	31.27	-0.13	19.37	2.36
Nashville_Metro	95	57	74	-6	1.80	4	29.58	1.47	17.52	1.94
Shelbyville_Wtr	92	55	73	-6	1.74	4	22.38	-7.94	10.88	-4.63
Sparta_WWTP	90	53	71	-7	2.82	5	36.01	2.80	22.47	4.80
Springfield_Exp	95	52	72	-6	2.43	4	29.70	-0.50	16.15	-0.93
Tennessee_Ridge	93	55	71	-8	1.42	2	27.18	-5.80	14.79	-3.33
Thompson_Statio	93	55	73	-7	2.43	4	35.32	2.06	23.25	5.73
Wartrace_6E	87	54	69	-9	2.63	5	27.10	-8.19	15.24	-2.95
Waynesboro_Ag	92	56	72	-6	2.52	5	35.94	-0.12	23.52	3.71
East										
Athens	90	56	72	-5	2.74	5	31.95	-2.21	20.89	4.05
Chattanooga_Lov	94	59	76	-5	1.47	5	24.27	-7.81	14.26	-1.38
Gatlinburg_2SW	88	53	69	-5	1.67	5	26.66	-7.67	15.08	-4.56
Greeneville_Exp	93	52	71	-3	1.68	5	21.00	-5.60	12.78	-2.62
Kingston_Ag	89	56	71	-6	2.30	4	31.34	-4.24	20.06	1.07
Knoxville_AP	93	57	73	-5	2.94	5	23.76	-5.86	13.49	-2.38
Lenior_City	92	56	72	-8	2.25	4	27.39	-4.64	16.61	0.07
Morristown_Radi	90	55	71	-7	5.96	4	27.25	-0.64	16.34	1.24
Oak_Ridge	92	56	74	-5	2.36	5	27.87	-4.73	16.20	-1.37
Roan_Mtn_2SE	87	48	65	-3	1.38	5	20.97	-8.10	12.33	-3.83
Rogersville_1NE	90	51	69	-7	3.23	6	25.42	-1.04	15.43	0.76
Townsend_5S	89	51	68	-6	1.76	5	25.34	-9.17	14.27	-5.55
Tri-City_RGNL_A	93	52	72	-4	2.42	5	18.69	-6.38	11.36	-2.88

DFN = Departure from Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week.  
Precipitation (rain or melted snow/ice) measured in inches.